

46245 (P11076-US/ST)



Patent

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Chae-Whan LIM et al.

Serial No.: 10/765,071

Filed: January 28, 2004

For: DEVICE AND METHOD FOR EXTENDING :  
CHARACTER REGION IN AN IMAGE :

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Group Art Unit: 2624

Examiner: Abdi, Amara

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§1.56 and 1.97-1.98, the Applicants herewith transmit the attached Form PTO/SB/08a, including a copy of the publication document which was cited in an Official Communication from the European Patent Office (issue date of June 18, 2007) with respect to related Patent Application No. 04002039.8-1224, and which may be deemed material to the examination of the above-identified application. A copy of the Official Communication provided by the European Patent Office is also enclosed for the Examiner's convenience.

The reference documents U.S. Patent No. 5,995,659 of Chakraborty et al. and European Patent Application No. EP 0824246 A2 of Bollman et al., listed in the Official Communication provided by the European Patent Office, were submitted in an earlier Information Disclosure Statement on June 16, 2006. Accordingly, U.S. Patent No. 5,995,659 and European Patent Application No. EP 0824246 A2 are omitted from this Information Disclosure Statement.

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Since the present Information Disclosure Statement is being filed after a final office action on the merits, both certification under 37 C.F.R. §1.97(e) and fee under 37 C.F.R. §1.17(p) are required. Accordingly, the Applicants submit herewith the fee of \$180 under 37 C.F.R. §1.17(p), and certify under 37 C.F.R. §1.97(e)(1) that each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application, the attached Official Communication provided by the European Patent Office, not more than three months prior to the filing of the Information Disclosure Statement.

Should any additional fees be required, the Director is hereby authorized to charge the additional fees to Deposit Account No. 18-2220.

The Examiner is requested to consider the attached documents in connection with the above-identified application, and to return a copy of the Form PTO/SB/08 to the Applicants with the Examiner's initials in the spaces provided.

Submission of this Information Disclosure Statement does not constitute an admission by the Applicants as to the materiality of the attached documents to the application, nor do the Applicants waive any right to challenge the validity of the documents as prior art should such action be deemed appropriate.

Respectfully submitted,

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Dated: September 10, 2007

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| <b>Substitute for form 1449A/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(use as many sheets as necessary)</i> |   | <b>Complete if Known</b> |                      |                        |       |
|  |   | Application Number       | 10/765,071           |                        |       |
|  |   | Filing Date              | January 28, 2004     |                        |       |
|  |   | First Named Inventor     | Chae-Whan LIM et al. |                        |       |
|  |   | Art Unit                 | 2624                 |                        |       |
|  |   | Examiner Name            | Abdi, Amara          |                        |       |
| Sheet  | 1 | of                       | 1                    | Attorney Docket Number | 46245 |

| U.S. PATENT DOCUMENTS |             |                             |                             |  |  |
|-----------------------|-------------|-----------------------------|-----------------------------|--|--|
| Examiner<br>Initials  | Cite<br>No. | Document Number             | Publication Date<br>MM/YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                       |             | Number-Kind Code (if known) |                             |  |  |
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| FOREIGN PATENT DOCUMENTS |             |  |                                |  |  |   |
|--------------------------|-------------|--|--------------------------------|--|--|---|
| Examiner<br>Initials     | Cite<br>No. | Foreign Patent Document                      | Publication<br>Date<br>MM/YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns,<br>Lines, Where<br>Relevant<br>Passages or<br>Relevant Figures<br>Appear | T |
|                          |             | Country Code-Number-<br>Kind Code (if known) |                                |  |  |   |
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| NON PATENT LITERATURE DOCUMENTS |             |   |   |
|---------------------------------|-------------|---|---|
| Examiner<br>Initials            | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publishers, city and/or country where published | T |
|                                 | 1.          | Y. ZHANG et al., "Detection Of Text Captions In Compressed Domain Video", International Multimedia Conference, Proceedings of the 2000 ACM Workshops on Multimedia, 2000-11-04, pp. 201-204, vol. 8, ACM Press, New York, NY, USA.                              |   |
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| Examiner<br>Signature |  | Date<br>Considered |  |
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